

SPRING 2012



Tuesday, June 5, 2012

SCC Continuing Education Center

*301 S. 68th St. Place
Lincoln, NE*

The Nebraska Cyber Security Conference is for security administrators and IT professionals including:

- *Network Administrators*
- *System Administrators*
- *Information Security Professionals*

This conference is a partnership between Southeast Community College and the state of Nebraska.



NEBRASKA

CYBER SECURITY CONFERENCE

In today's world, we rely on technology and the Internet for a variety of transactions, communication and information – at home, in school and at the work place. While we are familiar with the myriad of conveniences provided through Internet use, it is difficult to stay abreast of all the changes and the potential risks presented by the Internet. We are all “virtual neighbors” in cyberspace, and what we do – or don't do – can affect many others.

The Nebraska Cyber Security Conference will assist in raising our awareness of cyber security and help in protecting all of us in cyberspace. If we do our part individually, we can have a tremendous positive impact collectively on our state's cyber security.

This will be valuable time learning from skilled industry experts, including keynote presenter Patrick Gray, Principal Security Strategist, Cisco Systems. The day will be filled with a variety of breakout sessions that will encompass different areas of information security and technology.

For more information: cio.ne.gov/cybersecurity/events

Tuesday, June 5, 2012

SCC Continuing Education Center

301 S. 68th St. Place • Lincoln, NE

8 a.m. - 4 p.m. •

\$99 (Early-Bird Registration: \$79 - Postmarked on/by April 13)

Space is limited. • Registration deadline: May 25, 2012

CONFERENCE AGENDA

8 a.m.Check-in	10:30 a.m.2nd Breakout Session
8:25 a.m.Introduction by Brenda Decker, CIO, State of Nebraska	11:30 a.m.Lunch (provided)
8:30 a.m.Welcome by Rick Sheehy, Lt. Governor, State of Nebraska	12:30 p.m.Keynote Patrick Gray
9 a.m.Workshops (9-11:30 a.m.) & 1st Breakout Session	1:30 p.m.Workshop (1:30-4 p.m.) & 3rd Breakout Session
10 a.m.Break	2:30 p.m.Break
	3 p.m.4th Breakout Session



BREAKOUT SESSIONS

FIRST SESSION - 9 A.M.

Please note on registration form which session you would like to attend.
NOTE: Morning breakout sessions last one hour; workshop lasts 2½ hours.

- **IBM X-Force® 2011 Mid-Year Trend & Risk Report - David K. Hemsath – IBM**
(9-10 a.m. Breakout)

This session will cover highlights from the IBM X-Force 2011 Trend and Risk Report. This report describes the state of Internet security threats. To produce this report, X-Force harvests facts from its databases of computer security vulnerabilities, intrusion events from managed network sensors, its web crawler, spam collectors and numerous intelligence sources. X-Force uses these data sources to paint a comprehensive picture of the attack activity that is occurring on the Internet, and the progress being made in the effort to fight it.

- **Simple, Yet Effective: An Overview of the SANS 20 Critical Security Controls - Brandon Harms, Infogressive** (9-11:30 a.m. Workshop)

Skill Level: Basic to Intermediate

What are the highest priority defensive security measures an organization can implement to detect, mitigate, and/or prevent today's attacks. This prioritized baseline of information security measures and controls created by federal and civilian experts for our national security should be the highest priority for information security decision makers in any environment.

- **Portable Device Hacking Made Easy: Hands-on Workshop - Ernest Staats**
(9-11:30 a.m. Workshop)

Skill Level: Basic to Intermediate

What are the highest priority defensive security measures an organization can implement to detect, mitigate, and/or prevent today's attacks? This prioritized baseline of information security measures and controls, created by federal and civilian experts for our national security, should be the highest priority for information security decision makers in any environment. (A laptop with all required software will be provided.) Limited to 35 participants.

SECOND SESSION - 10:30 A.M.

Please note on registration form if you plan to attend this session.

- **Cyber Crime in Nebraska - Special Agent Justin Kolenbrander, FBI**
(10:30-11:30 a.m. Breakout)

An overview of the FBI Cyber Crime programs and the Omaha Cyber Crime Task Force will be provided with a look at a case brief on Operation Trident Breach. Trident Breach was a multi-national investigation of sophisticated cyber thefts that siphoned \$70 million from hundreds of U.S.-based small to mid-sized businesses. **Note:** No recording equipment will be permitted. Any members of the media must be identified along with their affiliation prior to starting the presentation.

THIRD SESSION - 1:30 P.M.

Please note on registration form which session you would like to attend.

- **Mobile Solution Design - Jill Klein, Sirius** (1:30-2:30 p.m. Breakout)

Skill Level: Basic

Your mobile solution from A to Z! Do you know what your mobile solution should look like? In this session we will discuss the key areas of your mobile solution, including how you will conduct updates, what type of connection would be best for you, how you can secure your data, how you can manage your VIP's and updates based on network traffic, and much more!

- **Cyber Crime in Nebraska - Special Agent Justin Kolenbrander, FBI**
(1:30-2:30 p.m. Breakout)

An overview of the FBI Cyber Crime programs and the Omaha Cyber Crime Task Force will be provided with a look at a case brief on Operation Trident Breach. Trident Breach was a multi-national investigation of sophisticated cyber thefts that siphoned \$70 million from hundreds of U.S.-based small to mid-sized businesses. **Note:** No recording equipment will be permitted. Any members of the media must be identified along with their affiliation prior to starting the presentation.

- **Wireless and Device Attack Vectors: Hands-on Workshop - Ernest Staats**
(1:30-4 p.m. Workshop)

Skill Level: Advanced and Technical

Prerequisites: Requires an understanding of Network Administration, TCP/IP, and a willingness to use command line utilities.

We will specifically focus on wireless and device security vulnerabilities. Is your WIFI secure? Learn how to hack common WIFI configurations. We also will cover how to scan and test your network. Linux pen testing tools will be used in this hands-on lab. A quick look at VLAN hacking and countermeasures will be covered. (A laptop with all required software will be provided.) Limited to 35 participants.

FOURTH SESSION - 3 P.M.

Please note on registration form which session you would like to attend.

- **IBM X-Force® 2011 Mid-Year Trend & Risk Report - David K. Hemsath, IBM**
(3-4 p.m. Breakout)

This session will cover highlights from the IBM X-Force 2011 Trend and Risk Report. This report describes the state of Internet security threats. To produce this report, X-Force harvests facts from its databases of computer security vulnerabilities, intrusion events from managed network sensors, its web crawler, spam collectors and numerous intelligence sources. X-Force uses these data sources to paint a comprehensive picture of the attack activity that is occurring on the Internet, and the progress being made in the effort to fight it.

- **Mobile Adoption Strategies Sign - Jill Klein, Sirius** (3-4 p.m. Breakout)

Skill Level: Basic

Do you have business processes that can be mobilized? If you are unsure or want to find out where to start, join Jill to learn the value of mobilizing your process. We will discuss analyzing your current processes to determine what workloads make sense to mobilize, the process to get those workloads mobilized and the benefits you will gain.

KEYNOTE PRESENTATION

Data Security Challenges in the All-Too-Public and Not-So-Private Sectors

The Internet threat landscape has shifted. What used to be a playground for hackers, crackers, script kiddies, and packet monkeys is now a borderless abyss fueled by financial gain and state-sponsored forays into our critical infrastructures.

Cisco Systems' Patrick Gray, a 20-year veteran of the FBI, will explore the current threat landscape by highlighting the newest cyber criminals and examining the latest tactics employed by these predators. Gray will address how these organized criminal groups, botmasters, hackers, and state-sponsored actors interact with this new criminal element utilizing Web 2.0 technologies and how we can stave off these relentless attacks in order to protect our critical infrastructures with a focus on public sector agencies.

Presenter: Patrick Gray is a 20-year veteran of the FBI, having investigated computer crimes globally. Upon retirement from the FBI in 2001, he joined Internet Security Systems, where he helped create the Internet Threat Intelligence Center and thereafter was the director of the renowned X-Force. Gray joined Cisco Systems as its Principal Security Strategist in 2005 and has worked with Public Sector Agencies globally as they work to protect their data from hackers and nation state-sponsored acts of criminality.

REGISTRATION INFORMATION

Space is limited.

Early-Bird Registration: \$79 (postmarked on or by April 13)

Regular Registration: \$99 (postmarked on April 14 or after)

Please have your registration submitted by **5 p.m. May 25, 2012.**

LODGING INFORMATION

Lincoln Convention and Visitors Bureau

(402) 434-5348 • (800) 423-8212

www.lincoln.org/visiting/lodging

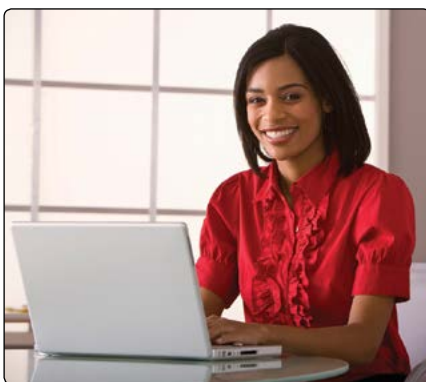
ADDITIONAL INFORMATION

WIFI is available.

**** Cancellation/Refund Policy:** You must call the Continuing Education office at 402-437-2700 or 800-828-0072 the day before the workshop begins to receive 100% refund. If you call the day of the workshop or after it has started, no refund will be issued.

MORE INFORMATION

Marguerite Himmelberg
Southeast Community College
Continuing Education
402-323-3388
800-828-0072, ext. 3388
mhimmelberg@southeast.edu
or
Brad Weakly
Office of the CIO
(402) 471-3677
brad.weakly@nebraska.gov



How to Register

1. Complete the non-credit registration form contained in this brochure. **Please print** or **type information on the registration form.**

NOTE for State of Nebraska
Employees: Please register at
[www.cio.nebraska.gov/cybersecurity/](http://www.cio.nebraska.gov/cybersecurity/events/)
events/

2. SEND the form with payment: **Check** payable to SCC, or **credit card** number (Mastercard, American Express, Discover, or Visa) or a **letter of authorization** on **company letterhead** if your employer is paying the tuition.

MAIL TO:

SCC-Continuing Education Center
301 S. 68th Street Place
Lincoln, NE 68510

FAX TO: 402-437-2703

Confirmations are not mailed.

REGISTRATION FORM - NON-CREDIT COURSE

Complete this form with payment information and send via
FAX or mail to: **SCC-Continuing Education Center**
301 S. 68th Street Place, Lincoln, NE 68510
FAX: 402-437-2703

Include credit card information or Letter of Authorization for third-party billing. The College requires a student's Social Security number as a condition for enrollment. A student's Social Security number information constitutes an "educational record" under the Family Educational Rights and Privacy Act (FERPA). The College will be privileged to redisclose that information only with the consent of the student or in those very limited circumstances when consent is not required by FERPA.

2012 QUARTER	
SUMMER	WINTER
FALL	x SPRING

Social Security Number		Name: Last		First		Middle Initial		Email address		
Residence Mailing Address					City		State		Zip	
Race (select one or more):		<input type="checkbox"/> Resident of Nebraska		Birth Date		County #				
<input type="checkbox"/> White	<input type="checkbox"/> Asian	<input type="checkbox"/> Non-Resident of Nebraska		Gender:		Business Phone		Cell Phone		
<input type="checkbox"/> Native Hawaiian or Other Pacific Islander	<input type="checkbox"/> Black or African American	Ethnicity (select one):		<input type="checkbox"/> Male <input type="checkbox"/> Female		Home Phone		Employer		
<input type="checkbox"/> American Indian or Alaska Native	<input type="checkbox"/> Hispanic or Latino	<input type="checkbox"/> Not Hispanic or Latino								

Nebraska Cyber Security Conference

Tuesday, June 5, 2012 • 8 a.m. - 4 p.m.

Southeast Community College Continuing Education Center
301 S. 68th St. Place, Lincoln, NE

☐ **Early-Bird Registration: \$79**
(postmarked by or on April 13) • INFO-6240-CESA

☐ **Regular Registration: \$99**
(postmarked after April 13) • INFO-6240-CESB

☐ **I would like a vegetarian entree for lunch.**

SCC Staff Tuition Waiver _____

Total Due \$ _____

Check
One Topic
in Each
Session
You Want
to Attend

Breakout Session #1 • 9 a.m.

- ☐ IBM X-Force 2011 Mid-Year
Trend & Risk Report

Breakout Session #2

- ☐ **10:30 a.m.**
☐ Cyber Crime in Nebraska

Workshops • 9-11:30 a.m.

- ☐ SANS 20 Critical Security Controls
☐ Portable Device Hacking Made Easy
• Limited to 35 participants
• Laptop will be provided

☐ Check (must be included) ☐ Cash (must be included)

☐ ☐ ☐ ☐ V Code _____

Name as it appears on card: _____

Exp. Date _____ Credit card # _____

Would you like a receipt mailed to you?
☐ Yes ☐ No

Breakout Session #3 • 1:30 p.m.

- ☐ Mobile Solutions Design
☐ Cyber Crime in Nebraska

Workshop • 1:30-4 p.m.

- ☐ Wireless & Device Attack Vectors
• Limited to 35 participants
• Laptop will be provided

Breakout Session #4

- 3 p.m.**
☐ IBM X-Force 2011 Mid-Year Trend & Risk Report
☐ Mobile Adoption Strategies Sign

FOR OFFICE
USE ONLY

ID# _____

DE _____

SIGNATURE

Submission of this form indicates that I understand: 1) That my registration is complete and that I am accountable for the tuition and fees and subject to a grade in the courses to be taken; 2) That should I officially drop, cancel, or withdraw, any refund in tuition will be determined by the date I submit my request for a refund; 3) That I agree to abide by the policies and procedures of the College; 4) That I agree to follow the policies and procedures in the Student Handbook and College Catalog; and 5) Any changes in SSN, legal name, address, residency, etc. must follow the College procedures in the Student Handbook to all persons without regard to race, color, religion, sex, age, marital status, national origin, ethnicity, veteran status, sexual orientation, disability, or other factors prohibited by law or College policy. Inquiries concerning the application of SCC's policies on equal opportunity and nondiscrimination should be directed to the Vice President for Access/Equity/Diversity, SCC Area Office, 301 S. 68th Street Place, Lincoln, NE 68510, 402-323-3412, FAX 402-323-3420, or diversity@secc.edu. I agree to participate in the College's affirmative action program, which includes participation in the recruitment, admission, participation, and employment of persons on the basis of race, color, religion, sex, age, marital status, national origin, ethnicity, veteran status, sexual orientation, disability, or other factors prohibited by law or College policy. Preguntas relacionadas a la política sobre equidad/nondiscriminación de SCC deben dirigirse a: Vice President for Access/Equity/Diversity, SCC Area Office, 301 S. 68th Street Place, Lincoln, NE 68510, 402-323-3412, FAX 402-323-3420, o pojo@secc.edu.

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